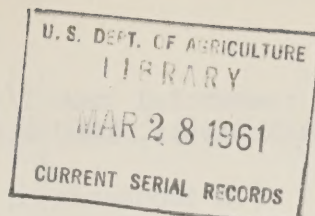


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COMMERCIAL APPLES

Production by Varieties
1960 With Comparisons



December 1, 1960

The 1960 commercial production of apples is below both last year and average for all three varietal groups--winter, fall, and summer. Winter varieties, estimated at 91.8 million bushels, are 11 percent below last year but only 2 percent under average. The 10.4 million bushel crop of fall varieties is 19 percent less than that of 1959 and 22 percent below average. Summer apples, which have already been marketed, totaled nearly 4.2 million bushels, 21 percent under both last year and average.

All of the winter and fall varieties show less production than last year except two--Golden Delicious and Black Twig (Paragon). The latter variety is of relatively minor importance nationally with the bulk of the crop produced in Virginia, Pennsylvania, New Jersey, North Carolina, and West Virginia. Golden Delicious production was above last year in Washington, Virginia, Pennsylvania, West Virginia, and New York; below in Illinois, Michigan, and California.

Delicious, with a 1960 production of 24.4 million bushels, is again the leading variety accounting for 23 percent of the Nation's commercial apple crop. Compared with last year, Delicious production was down 12 percent. The Western area, which is the principal Delicious producer, showed a reduction of 9 percent and the Eastern area a cut of 23 percent, while the Central area registered a gain of 3 percent. McIntosh, again the second most important variety, is estimated at 13.5 million bushels, a cut of 17 percent from last season's crop. New York, New England, and Michigan, the three ranking McIntosh areas, all showed reductions from 1959. Winesap retained third place with a production of 8.7 million bushels, down 12 percent from a year ago. Three-fourths of the 1960 Winesap crop was produced in Washington.

Other important varieties produced in 1960 were: Rome Beauty, 7.4 million bushels; Golden Delicious, 7.2 million; Jonathan, 6.7 million; Stayman, 5.5 million; York Imperial, 5.3 million; and Yellow Newtown (Albemarle Pippin), 4.3 million.

The United States 1960 commercial production of all varieties is now estimated at 106.4 million bushels, 13 percent below last year and 5 percent under average. Comparisons with last year by areas are: Eastern, down 15 percent; Central, down 8 percent; and Western, down 11 percent. The Washington crop sized below earlier expectations.

UNITED STATES DEPARTMENT OF AGRICULTURE

✓ Agricultural Marketing Service

FtNt 2-2-2 (12-60)

✓ Crop Reporting Board

Washington, D. C.

Table 1.-Apples, commercial crop 1/: Production by varieties,
United States, 1960 with comparisons

(In thousands of bushels)

Variety	Average 1949-58	1959	1960
<u>SUMMER VARIETIES</u>			
Gravenstein	2,645	2,749	2,223
Other summer	2,642	2,539	1,968
Total summer varieties	5,286	5,288	4,191
<u>FALL VARIETIES</u>			
Grimes Golden	1,925	1,170	1,164
Jonathan	7,388	8,494	6,663
Wealthy	1,839	1,388	1,228
Other fall	2,175	1,783	1,361
Total fall varieties	13,327	12,835	10,416
<u>WINTER VARIETIES</u>			
Baldwin	3,362	2,959	2,709
Ben Davis and Gano ..	1,709	1,248	1,183
Black Twig (Paragon).	573	324	344
Cortland	2,924	3,507	3,036
Delicious	24,206	27,673	24,405
Golden Delicious	4,088	6,432	7,181
McIntosh	12,925	16,246	13,511
Northern Spy	2,370	2,800	2,151
R. I. Greening	2,806	2,448	2,110
Rome Beauty	7,397	7,973	7,366
Stayman	5,069	6,883	5,519
Winesap	11,061	9,906	8,742
Yellow Newtown <u>2</u> / ...	4,449	4,339	4,291
York Imperial	5,417	6,191	5,347
Other winter	5,487	4,735	3,878
Total winter varieties	93,843	103,664	91,773
Total all varieties ...	112,456	121,787	106,380

1/ Estimates of commercial crop refer to the total production of apples in the commercial areas of each State.

2/ Albemarle Pippin.

Table 2.-Apples, commercial crop 1/: Production of summer varieties, for selected States and areas, 1960 with comparisons

(In thousands of bushels)

State and area	Gravenstein			Other summer			Total summer		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
New England	144	147	88	149	183	139	293	330	227
New York	---	---	---	291	98	86	291	98	86
New Jersey	1	---	---	338	437	280	339	437	280
Pennsylvania	---	---	---	193	189	142	193	189	142
Maryland-Delaware.	---	---	---	128	198	93	128	198	93
Virginia	---	---	---	205	109	143	205	109	143
West Virginia	---	---	---	93	114	115	93	114	115
North Carolina ...	---	---	---	17	15	20	17	15	20
Total Eastern ..	144	147	88	1,414	1,343	1,018	1,559	1,490	1,106
Ohio	---	---	---	110	90	50	110	90	50
Indiana	---	---	---	59	53	55	59	53	55
Illinois	---	---	---	319	299	210	319	299	210
Michigan	---	---	---	267	240	180	267	240	180
Wisconsin	---	---	---	110	161	84	110	161	84
Missouri	---	---	---	49	40	40	49	40	40
Other States 2/ ..	---	---	---	147	149	163	147	149	163
Total Central ..	---	---	---	1,061	1,032	792	1,061	1,032	782
Idaho	---	---	---	12	3	4	12	3	4
Colorado	---	---	---	9	6	3	9	6	3
Washington	---	---	---	37	24	44	37	24	44
Oregon	23	20	15	2	---	---	24	20	15
California	2,477	2,580	2,120	84	120	100	2,562	2,700	2,220
Other States 3/ ..	---	2	---	24	11	17	22	13	17
Total Western ..	2,500	2,602	2,135	166	164	168	2,666	2,766	2,303
United States	2,645	2,749	2,223	2,642	2,539	1,968	5,286	5,288	4,191

See footnotes on page 12.

Table 3.-Apples, commercial crop 1/: Production of fall varieties, for selected States and areas, 1960 with comparisons

(In thousands of bushels)

State and area	Grimes Golden			Jonathan			Wealthy		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
New England.....	---	---	---	---	---	---	142	93	69
New York.....	---	---	---	---	---	---	662	488	484
New Jersey.....	77	44	25	30	44	25	12	---	---
Pennsylvania.....	197	142	120	446	585	342	76	70	51
Maryland-Delaware...	79	43	52	70	75	51	18	---	---
Virginia.....	408	229	255	311	338	275	---	---	---
West Virginia.....	272	199	138	232	171	161	---	---	---
North Carolina.....	50	30	40	13	15	---	---	---	---
Total Eastern.....	1,083	687	630	1,101	1,228	854	910	651	604
Ohio.....	158	90	90	388	535	500	99	80	100
Indiana.....	179	130	155	194	252	235	14	20	16
Illinois.....	83	23	21	650	621	546	94	92	63
Michigan.....	296	170	180	2,124	3,370	2,450	342	280	220
Wisconsin.....	---	---	---	31	27	12	246	174	144
Missouri.....	40	25	32	234	188	158	18	15	16
Other States 2/.....	60	35	44	326	312	359	96	65	59
Total Central.....	816	473	522	3,945	5,305	4,260	910	726	618
Idaho.....	8	---	---	321	264	75	---	---	---
Colorado.....	12	10	12	424	268	323	10	3	4
Washington.....	---	---	---	1,054	851	682	---	---	---
Oregon.....	---	---	---	58	60	50	---	---	---
California.....	---	---	---	299	370	330	---	---	---
Other States 3/.....	5	---	---	187	148	89	9	8	2
Total Western.....	26	10	12	2,342	1,961	1,549	19	11	6
United States.....	1,925	1,170	1,164	7,388	8,494	6,663	1,839	1,388	1,228

See footnotes on page 12.

Table 3.-Apples, commercial crop 1/: Production of fall varieties, for selected States and areas, 1960 with comparisons - Continued

(In thousands of bushels)

State and area	Other fall			Total fall		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960
New England	55	38	28	197	131	97
New York	451	390	260	1,113	878	744
New Jersey	74	115	58	192	203	108
Pennsylvania	232	120	68	951	917	581
Maryland-Delaware.	31	22	13	200	140	116
Virginia	329	283	245	1,048	850	775
West Virginia	109	114	92	614	484	391
North Carolina	18	15	20	81	60	60
Total Eastern ..	1,300	1,097	784	4,394	3,663	2,872
Ohio	28	30	45	673	735	735
Indiana	18	16	16	404	418	422
Illinois	28	23	21	855	759	651
Michigan	74	---	---	2,836	3,820	2,850
Wisconsin	110	107	60	387	308	216
Missouri	20	14	18	312	242	224
Other States <u>2</u> / ..	102	91	110	584	503	572
Total Central ..	380	281	270	6,050	6,785	5,670
Idaho	8	9	5	337	273	80
Colorado	9	4	3	456	285	342
Washington	2	---	---	1,056	851	682
Oregon	11	10	15	68	70	65
California	453	380	280	752	750	610
Other States <u>3</u> / ..	12	2	4	212	158	95
Total Western ..	495	405	307	2,882	2,387	1,874
United States	2,175	1,783	1,361	13,327	12,835	10,416

See footnotes on page 12.

Table 4.-Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1960 with comparisons

(In thousands of bushels)

State and area	Baldwin			Ben Davis and Gano			Black Twig (Paragon)		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
New England.....	948	712	683	22	---	---	---	---	---
New York.....	1,710	1,755	1,730	579	780	778	---	---	---
New Jersey.....	8	---	---	---	---	---	53	67	48
Pennsylvania.....	117	82	46	59	---	---	116	110	74
Maryland-Delaware.....	---	---	---	16	---	---	17	---	---
Virginia.....	---	---	---	371	142	143	278	87	153
West Virginia.....	---	---	---	146	86	46	64	28	23
North Carolina.....	---	---	---	13	---	---	30	30	40
Total Eastern.....	2,783	2,549	2,459	1,206	1,008	967	559	322	338
Ohio.....	235	180	100	25	20	15	---	---	---
Indiana.....	9	---	---	12	---	---	---	---	---
Illinois.....	---	---	---	29	46	42	---	---	---
Michigan.....	335	230	150	67	---	---	---	---	---
Wisconsin 4/.....	---	---	---	8	13	---	---	---	---
Missouri.....	---	---	---	77	43	42	---	---	---
Other States 2/.....	---	---	---	92	62	56	6	2	3
Total Central.....	579	410	250	309	184	155	6	2	3
Idaho.....	---	---	---	35	---	---	---	---	---
Colorado.....	---	---	---	118	50	51	---	---	---
Washington.....	---	---	---	---	---	---	---	---	---
Oregon.....	---	---	---	---	---	---	---	---	---
California.....	---	---	---	---	---	---	---	---	---
Other States 3/.....	---	---	---	41	6	10	8	---	3
Total Western.....	---	---	---	193	56	61	8	---	3
United States.....	3,362	2,959	2,709	1,709	1,248	1,183	573	324	344

See footnotes on page 12.

Table 4.-Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1960 with comparisons - Continued

(In thousands of bushels)

State and area	Cortland			Delicious			Golden Delicious		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
New England	463	608	455	413	610	390	43	83	61
New York <u>8</u> /	1,848	2,048	1,817	953	1,560	1,471	---	390	432
New Jersey	71	78	38	309	544	340	148	218	110
Pennsylvania	152	150	108	629	900	581	301	555	560
Maryland-Delaware.	---	---	---	254	458	211	113	182	168
Virginia	---	---	---	1,334	2,496	1,887	486	611	1,020
West Virginia	---	---	---	622	1,112	690	275	456	460
North Carolina ..	---	---	---	309	585	800	175	120	160
Total Eastern ..	2,534	2,884	2,418	4,823	8,265	6,370	1,539	2,615	2,971
Ohio	139	200	235	353	275	475	182	180	250
Indiana <u>6</u> /	17	---	---	206	198	221	224	274	313
Illinois	---	---	---	231	207	189	628	805	756
Michigan	85	270	200	1,004	1,650	1,390	200	410	380
Wisconsin	149	148	180	54	67	84	---	---	---
Missouri	---	---	---	110	122	160	119	86	95
Other States <u>2</u> / <u>7</u> /	---	5	3	227	213	289	192	196	258
Total Central ..	390	623	618	2,186	2,732	2,808	1,545	1,951	2,052
Idaho	---	---	---	457	610	240	20	52	36
Colorado <u>8</u> /	---	---	---	315	310	144	---	---	27
Washington	---	---	---	14,110	12,487	11,924	865	1,395	1,760
Oregon <u>5</u> /	---	---	---	902	795	770	---	63	60
California <u>5</u> /	---	---	---	1,107	2,190	2,010	67	305	250
Other States <u>3</u> / ..	---	---	---	306	284	139	52	51	25
Total Western ..	---	---	---	17,197	16,676	15,227	1,004	1,866	2,158
United States	2,924	3,507	3,036	24,206	27,673	24,405	4,088	6,432	7,181

See footnotes on page 12.

Table 4.-Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1960 with comparisons - Continued

(In thousands of bushels)

State and area	McIntosh			Northern Spy			R. I. Greening		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
New England	4,111	5,073	3,833	264	268	190	91	53	24
New York	5,931	7,311	5,969	713	682	519	2,423	2,145	1,851
New Jersey	253	303	210	---	---	---	25	---	---
Pennsylvania	268	285	280	72	90	57	12	---	---
Maryland-Delaware.	4	10	9	---	---	---	---	---	---
Virginia	---	---	---	---	---	---	---	---	---
West Virginia	---	---	---	---	---	---	---	---	---
North Carolina	---	---	---	---	---	---	---	---	---
Total Eastern ..	10,566	12,982	10,301	1,049	1,040	766	2,551	2,198	1,875
Ohio	162	170	270	48	20	35	30	30	35
Indiana 6/	24	61	51	10	---	---	9	---	---
Illinois	---	---	---	---	---	---	---	---	---
Michigan	1,684	2,460	2,400	1,263	1,740	1,350	216	220	200
Wisconsin	332	469	408	---	---	---	---	---	---
Missouri	---	---	---	---	---	---	---	---	---
Other States 2/ ..	38	31	46	---	---	---	---	---	---
Total Central ..	2,240	3,191	3,175	1,321	1,760	1,385	255	250	235
Idaho	---	---	---	---	---	---	---	---	---
Colorado	---	---	---	---	---	---	---	---	---
Washington	55	24	22	---	---	---	---	---	---
Oregon	---	---	---	---	---	---	---	---	---
California	---	---	---	---	---	---	---	---	---
Other States 3/ ..	64	49	13	---	---	---	---	---	---
Total Western ..	119	73	35	---	---	---	---	---	---
United States	12,925	16,246	13,511	2,370	2,800	2,151	2,806	2,448	2,110

See footnotes on page 12.

Table 4.-Apples, commercial crop ¹/₁/: Production of winter varieties, for selected States and areas, 1960 with comparisons - Continued

(In thousands of bushels)

State and area	Rome Beauty			Stayman			Winesap		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
New England	38	54	54	16	20	18	---	---	---
New York	1,139	1,268	1,384	---	---	---	---	---	---
New Jersey	742	966	737	520	673	512	54	48	22
Pennsylvania	706	825	730	1,208	1,575	1,008	79	60	34
Maryland-Delaware.	182	261	211	226	324	237	16	37	19
Virginia	244	567	459	1,254	2,049	1,530	1,322	959	1,326
West Virginia	548	798	736	538	940	667	169	256	230
North Carolina ..	208	300	380	255	240	360	42	15	20
Total Eastern ..	3,805	5,039	4,691	4,017	5,821	4,332	1,683	1,375	1,651
Ohio	599	355	470	351	360	400	---	---	---
Indiana	176	183	150	122	122	163	68	30	47
Illinois	72	46	42	38	23	21	91	23	84
Michigan	71	150	170	160	280	290	---	---	---
Wisconsin	---	---	---	---	---	---	---	---	---
Missouri	---	---	---	44	46	84	57	37	42
Other States 2/...	78	78	93	149	156	177	91	70	90
Total Central ..	995	812	925	864	987	1,135	307	160	263
Idaho	452	262	120	11	---	---	68	25	10
Colorado	214	190	162	---	---	---	113	135	112
Washington	1,092	591	770	122	47	22	8,695	7,994	6,534
Oregon	62	54	60	---	---	---	26	43	35
California	578	875	540	---	---	---	115	140	120
Other States 3/...	200	150	98	55	28	30	55	34	17
Total Western ..	2,597	2,122	1,750	188	75	52	9,072	8,371	6,828
United States	7,397	7,973	7,366	5,069	6,883	5,519	11,061	9,906	8,742

See footnotes on page 12.

Table 4.-Apples, commercial crop 1/: Production of winter Varieties, for selected States and areas, 1960 with comparisons--Continued

(In thousands of bushels)

State and area	Yellow Newtown (Albemarle Pippin)			York Imperial		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960
New England.....	---	---	---	---	---	---
New York.....	---	---	---	---	---	---
New Jersey.....	---	---	---	---	---	---
Pennsylvania.....	---	---	---	1	---	---
Maryland-Delaware...	---	---	---	1,248	1,590	1,271
Virginia.....	292	87	122	285	287	255
West Virginia.....	---	---	---	2,438	2,823	2,479
North Carolina.....	---	---	---	1,274	1,340	1,196
Total Eastern.....	292	87	122	29	30	20
				5,275	6,070	5,221
Ohio.....	---	---	---	30	15	10
Indiana.....	---	---	---	12	15	8
Illinois.....	---	---	---	---	---	---
Michigan.....	---	---	---	---	---	---
Wisconsin.....	---	---	---	---	---	---
Missouri.....	---	---	---	42	17	18
Other States 2/.....	---	---	---	53	74	90
Total Central.....	---	---	---	137	121	126
Idaho.....	---	---	---	---	---	---
Colorado.....	---	---	---	---	---	---
Washington.....	223	142	154	---	---	---
Oregon.....	1,179	960	955	---	---	---
California.....	2,756	3,150	3,060	---	---	---
Other States 3/.....	---	---	---	5	---	---
Total Western.....	4,158	4,252	4,169	5	---	---
United States.....	4,449	4,339	4,291	5,417	6,191	5,347

See footnotes on page 12.

Table 4.-Apples, commercial crop 1/: Production of winter varieties, for selected States and areas, 1960 with comparisons - Continued

(In thousands of bushels)

State and area	Other winter			Total winter		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960
New England						
New York <u>8/</u>	257	188	128	6,667	7,669	5,836
New Jersey	794	585	519	16,090	18,524	16,470
Pennsylvania	111	163	95	2,296	3,060	2,112
Maryland-Delaware.	236	172	228	5,203	6,394	4,977
Virginia	66	63	31	1,179	1,622	1,141
West Virginia	236	120	163	8,253	9,941	9,282
North Carolina ..	141	86	46	3,777	5,102	4,094
North Carolina ..	171	105	140	1,232	1,425	1,920
Total Eastern ..	2,013	1,482	1,350	44,697	53,737	45,832
Ohio	152	120	70	2,305	1,925	2,365
Indiana <u>6/</u>	115	171	150	1,005	1,054	1,103
Illinois	378	92	105	1,468	1,242	1,239
Michigan	1,166	1,330	940	6,250	8,740	7,470
Wisconsin <u>4/</u>	177	174	228	720	871	900
Missouri	102	117	120	551	468	561
Other States <u>2/</u> <u>7/</u>	111	108	120	1,036	995	1,225
Total Central ..	2,201	2,112	1,733	13,335	15,295	14,863
Idaho	60	25	10	1,103	974	416
Colorado <u>8/</u>	52	24	9	811	709	505
Washington	100	95	88	25,262	22,775	21,274
Oregon	231	195	190	2,399	2,110	2,070
California	790	790	490	5,413	7,450	6,470
Other States <u>3/</u> ..	39	12	8	824	614	343
Total Western ..	1,272	1,141	795	35,812	34,632	31,078
United States	5,487	4,735	3,878	93,843	103,664	91,773

See footnotes on page 12.

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Table 5.-Apples, commercial crop 1/: Production of all varieties, for selected States and areas, 1960 with comparisons

(In thousands of bushels)

State and area	Average 1949-58	1959	1960
New England	7,156	8,130	6,160
New York	17,494	19,500	17,300
New Jersey	2,828	3,700	2,500
Pennsylvania	6,346	7,500	5,700
Maryland-Delaware .	1,506	1,960	1,350
Virginia	9,506	10,900	10,200
West Virginia	4,484	5,700	4,600
North Carolina	1,329	1,500	2,000
Total Eastern ...	50,649	58,890	49,810
Ohio	3,088	2,750	3,150
Indiana	1,468	1,525	1,580
Illinois	2,641	2,300	2,100
Michigan	9,354	12,800	10,500
Wisconsin	1,217	1,340	1,200
Missouri	912	750	825
Other States <u>2</u> / ...	1,767	1,647	1,960
Total Central ...	20,447	23,112	21,315
Idaho	1,452	1,250	500
Colorado	1,276	1,000	850
Washington	26,355	23,650	22,000
Oregon	2,492	2,200	2,150
California	8,727	10,900	9,300
Other States <u>3</u> / ...	1,059	785	455
Total Western ...	41,360	39,785	35,255
United States	112,456	121,787	106,380

1/ Estimates of commercial crop refer to total production of apples in the commercial areas of each State. 2/ Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas. 3/ Montana, New Mexico, and Utah. 4/ Ben Davis and Gano in Wisconsin included with "other winter varieties" starting in 1960. 5/ Golden Delicious included with Delicious prior to 1959 in Oregon and prior to 1956 in California. 6/ Cortland and R. I. Greening in Indiana included with "other winter varieties" starting in 1959. 7/ Cortland in "Other States" included with "other winter varieties" prior to 1958. 8/ Golden Delicious included with "other winter varieties" prior to 1959 in New York and prior to 1960 in Colorado.